

## EQIP Practice List

2012

Plymouth, Iowa

NRCS Practice Code	Practice Name	Units	Payment Type <u>1/</u>	• Resource Concerns	Practice Service Life <u>2/</u>	Comments
472	Access Control	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Classic Gully; Ephemeral Gully; Sheet and Rill; &amp; Streambank</li> <li>• Water Quality-Harmful levels of Pathogens in Ground &amp; Surface water; Excessive Suspended Sediment &amp; Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water and Groundwater</li> </ul>	10 yr.	Exclusion of livestock from woodlands, ponds, and intermittent streams. Area must be fenced.
316	Animal Mortality Facility	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Air Quality – Excessive Greenhouse Gas CH<sub>4</sub>; Objectionable Odors; PM less than 2.5 and 10 micrometers in diameter</li> <li>• Water Quality- Excessive Nutrients &amp; Organics in Ground &amp; Surface Water; Harmful levels of pathogens in ground &amp; surface water</li> </ul>	15 yr.	
314	Brush Management	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Plant Condition-Productivity, health and vigor; Noxious and invasive plants; Forage Quality and Palatability; plants not adapted or suited; T&amp;E Plant species, T&amp;E plant species: declining species, species of concern</li> <li>• Domestic Animals-Inadequate Quantities and Quality of Feed and Forage; Stress &amp; mortality</li> <li>• Fish &amp; Wildlife-Imbalance among &amp; within populations; Inadequate cover/shelter/food/space; T&amp;E Fish &amp; Wildlife Species; Habitat Fragmentation; T&amp;E Species: Declining species, species of concern</li> </ul>	1 yr.	
317	Composting Facility	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Air Quality-Objectionable Odors</li> <li>• Water Quality-Harmful levels of pathogens in ground</li> </ul>	15 yr.	As a Component of the CNMP

				& surface water; Excess Nutrients and Organics in Ground & Surface Water		
102	CAP - Comprehensive Nutrient Management Plan (CNMP)	Number	Payment Rate	<ul style="list-style-type: none"> <li>Water Quality-Excessive nutrients and organics in surface water and groundwater</li> </ul>	1 yr.	CNMP Payment for a Technical Service Provider to develop a CNMP.
104	CAP - Nutrient Management Plan Written	Number	Payment Rate	<ul style="list-style-type: none"> <li>Water Quality-Excessive nutrients and organics in surface water and groundwater</li> </ul>	1 yr.	CNMP Payment for a Technical Service Provider to develop a CNMP.
327	Conservation Cover	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Soil Erosion-Sheet and rill, Ephemeral &amp; Classic Gully</li> <li>Fish &amp; Wildlife-Imbalance among populations; Inadequate cover/shelter; food; space; T &amp; E species: Declining species, species of concern; habitat fragmentation</li> <li>Plant condition-T&amp;E species, declining species, species of concern; productivity, health &amp; vigor; plants not adapted or suited; noxious &amp; invasive plants</li> <li>Soil Condition-OM depletion;</li> </ul>	5 yr.	Summer Construction Incentive is available under this practice.
328	Conservation Crop Rotation	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Soil Erosion-Sheet and rill; Ephemeral; Classic Gully</li> <li>Soil Condition-Soil organic matter depletion</li> <li>Water Quality-Excessive Nutrients and Organics in Ground &amp; Surface Water; Excessive Suspended Sediment and Turbidity in Surface Water; Harmful levels of pathogens in ground &amp; surface water</li> </ul>	1 yr.	<p>Initiative for producers transitioning from intensive row crop into rotations that includes perennial production.</p> <p>For Organic Crop Production. To be eligible, producer must be newly transitioning to organics and needs state certification.</p>
340	Cover Crop	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Soil Erosion-Sheet and Rill, Ephemeral &amp; Classic gully</li> <li>Soil Condition-Soil Organic Matter Depletion</li> <li>Plant Condition-Productivity, Health, &amp; Vigor</li> <li>Energy – Inefficient Energy Use; Farming &amp; Ranching Practices &amp; Field Operations</li> </ul>	1 yr.	Practice is available for up to 3 consecutive years.
342	Critical Area Planting	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Soil Erosion-Sheet and rill; Ephemeral; &amp; Classic Gully</li> <li>Water Quality-Excessive nutrients &amp; organics in ground &amp; surface water; Excessive</li> </ul>	10 yr.	Stabilize areas where vegetation is difficult to establish. This is used on structural practices after construction.

				Suspended Sediment and Turbidity in Surface Water		
747	Denitrifying Bioreactor	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Fish &amp; Wildlife-Inadequate Water</li> <li>• Soil Condition-contaminants, animal waste &amp; other organics N; contaminants, commercial fertilizer N</li> <li>• Water quality-excessive nutrients &amp; organics in surface water</li> </ul>	10 yr.	
356	Dike	Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Fish &amp; Wildlife-Inadequate Space &amp; Water; habitat fragmentation</li> </ul>	20 yr.	
362	Diversion	Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Sheet and Rill; Ephemeral; &amp; Classic Gully</li> <li>• Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	10 yr.	
554	Drainage Water Management	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality-Excessive nutrients and organics in surface water</li> </ul>	1 yr.	This practice can be used in combination with 590 Nutrient Management. See Nutrient Management Intensity Options for description and level requirements.
130	Drainage Water Management Plan	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality – excessive nutrients &amp; organics in surface water</li> </ul>	1 yr.	
382	Fence	Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Domestic Animals-Inadequate Quantities and Quality of Feed and Forage; Inadequate shelter; Stress and Mortality</li> <li>• Plant Condition-Forage quality and palatability; Productivity, Health, and Vigor</li> </ul>	20 yr.	Permanent interior fences required for rotational grazing or livestock exclusion. No property line fences.
393	Filter Strip	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Water quality-excessive nutrients &amp; organics in ground &amp; surface water; excessive suspended turbidity in surface water; harmful levels of pathogens &amp; pesticides in ground &amp; surface water</li> </ul>	10 yr.	
512	Forage & Biomass Planting	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Domestic Animals – Inadequate Quantities and Quality of Feed and Forage; Stress &amp; mortality</li> <li>• Plant Condition – Productivity Health and Vigor; Forage Quality and Palatability.</li> <li>• Soil Erosion-Sheet &amp; rill; ephemeral</li> </ul>	5 yr.	Converting cropland or renovation of hayland or permanent cover. Used for both cool and warm season grasses.

				<ul style="list-style-type: none"> <li>Water Quality – Excessive Suspended Sediment &amp; Turbidity in Surface Water</li> </ul>		
410	Grade Stabilization Structure	Number	Payment Rate	<ul style="list-style-type: none"> <li>Soil Erosion-Classic gully &amp; Streambank</li> <li>Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	15 yr.	
561	Heavy Use Protection	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Plant Condition–Productivity, Health, and Vigor</li> <li>Soil Erosion-Sheet &amp; rill; Ephemeral Gully; and Streambank</li> <li>Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	10 yr.	For protection of livestock feeding and watering areas in a grazing system. (Includes winter feeding stations)
595	Integrated Pest Management	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Water Quality-Harmful levels of pesticides in ground &amp; surface water; Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	1 yr	
118	CAP – Irrigation Water Management Plan – Written	Number	Payment Rate	<ul style="list-style-type: none"> <li>Water Quantity-Inefficient water use on Irrigated Land</li> </ul>	1 yr.	
442	Irrigation System, Sprinkler	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Water Quantity-Inefficient water use on Irrigated Land</li> </ul>	15 yr.	
449	Irrigation Water Management	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Water Quality-Excessive nutrients and organics in surface water</li> </ul>	1 yr.	This practice can be used in combination with 590 Nutrient Management. See Nutrient Management Intensity Options for description and level requirements
590	Nutrient Management	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Water Quality-Excessive nutrients and organics in ground &amp; surface water; harmful levels of pathogens in ground &amp; surface water</li> </ul>	1 yr	See Nutrient Management Intensity Options for description and level requirements.
516	Pipeline	Feet	Payment Rate	<ul style="list-style-type: none"> <li>Domestic Animals-Inadequate stock water; Stress and Mortality</li> <li>Plant Condition–Productivity Health and Vigor; Forage Quality and Palatability</li> </ul>	20 yr.	
338	Prescribed Burning	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Plant Condition-Productivity health and vigor; Noxious and invasive plants</li> <li>Fish &amp; Wildlife-Inadequate Cover/Shelter; Food; Space; T&amp;E Species: Declining species, species of concern</li> </ul>	1 yr.	
528	Prescribed Grazing	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Plant Condition-Productivity, Health, and Vigor; Forage</li> </ul>	1 yr.	

				<ul style="list-style-type: none"> <li>Quality and Palatability</li> <li>• Domestic Animals-Inadequate Quantities and Quality of Feed &amp; Forage; Stress and Mortality</li> <li>• Water Quality-Excessive Nutrients &amp; Organics in Ground &amp; Surface Water; Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>		
533	Pumping Plant	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Domestic Animals-Inadequate Stock Water; Stress and Mortality</li> <li>• Plant Condition-Productivity, Health, and Vigor</li> </ul>	15 yr.	
329	Residue and Tillage Management, No-till/Strip Till	Acre	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Condition-OM Depletion</li> <li>• Soil Erosion-Sheet &amp; Rill; Ephemeral Gully</li> </ul>	1 yr.	
558	Roof Runoff Structure	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality-Excess Nutrients and Organics in Surface Water &amp; Groundwater</li> </ul>	15 yr.	
798	Seasonal High Tunnel System for Crops	Square Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Water quality-harmful levels of pesticides in ground water; excessive suspended turbidity in surface water; excessive nutrients &amp; organics in ground &amp; surface water</li> <li>• Soil erosion-sheet &amp; rill</li> <li>• Plant condition-productivity, health &amp; vigor</li> </ul>	4 yr.	
350	Sediment Basin	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	20 yr.	
632	Solid/Liquid Waste Separation Facility	Number	Payment Rate	<ul style="list-style-type: none"> <li>• Water Quality-Excessive Nutrients &amp; Organics in Ground &amp; Surface Water; Harmful levels of Pathogens in Ground &amp; Surface water</li> <li>• Soil Condition-Contaminants-Animal Waste and Other Organics (N, P, &amp; K)</li> </ul>	15 yr.	As a Component of CNMP
580	Streambank and Shoreline Protection	Feet	Payment Rate	<ul style="list-style-type: none"> <li>• Soil Erosion-Streambank; Shoreline</li> <li>• Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water</li> </ul>	20 yr.	
				<ul style="list-style-type: none"> <li>• Soil Erosion-Sheet &amp; Rill;</li> </ul>		This practice may be used in

600	Terrace	Feet	Payment Rate	<ul style="list-style-type: none"> <li>Ephemeral Gully</li> <li>Water Quality-Excessive Sediment &amp; Turbidity in Surface Water</li> </ul>	10 yr.	combination with 620-Underground outlet and 342-Critical Area Planting.
612	Tree/Shrub Establishment	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Fish &amp; Wildlife-Inadequate Cover/Shelter; Food; T &amp; E Species: Declining species, species of concern</li> <li>Plant Condition-Productivity, Health and Vigor</li> </ul>	15 yr.	Woodland Stewardship Plan required.
620	Underground Outlet	Feet	Payment Rate	<ul style="list-style-type: none"> <li>Soil Erosion-Sheet &amp; Rill; Ephemeral &amp; Classic Gully</li> <li>Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water</li> </ul>	20 yr.	Practice is used in combination with 600-Terraces and 638-Water and Sediment Control Basins. Includes payment for intakes, tile, and tile outlet as required by the job. Practice can also be used to extend the release of water to a more stable outlet beyond the toe of a 410 or 378.
645	Upland Wildlife Habitat Management	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Plant Condition-Productivity, health &amp; vigor</li> <li>Soil erosion-ephemeral gully; sheet &amp; rill</li> </ul>	1 yr.	
635	Vegetated Treatment Area	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Water Quality-Excessive Nutrients &amp; Organics in Ground &amp; Surface Water; Harmful levels of Pathogens in Ground &amp; Surface water</li> <li>Soil Condition-OM Depletion; compaction</li> </ul>	10 yr.	For the treatment of waste water below 632 Solid/Liquid Waste Separation Facility.
313	Waste Storage Facility	Number	Payment Rate	<ul style="list-style-type: none"> <li>Soil Condition-Contaminants-Animal Waste and other Organics (N, P, &amp; K)</li> <li>Water Quality-Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water</li> </ul>	15 yr.	As a component of CNMP
638	Water and Sediment Control Basin	Number	Payment Rate	<ul style="list-style-type: none"> <li>Soil Erosion-Ephemeral &amp; Classic Gully</li> <li>Water Quality-Excessive Sediment and Turbidity in Surface Water</li> </ul>	10 yr.	This practice may be used in combination with 620-Underground outlet and 342-Critical Area Planting.
642	Water Well	Number	Payment Rate	<ul style="list-style-type: none"> <li>Domestic Animals-Inadequate Water; Stress and Mortality</li> </ul>	20 yr.	Used for watering of livestock in a <u>grazing system only</u> .
614	Watering Facility	Number	Payment Rate	<ul style="list-style-type: none"> <li>Domestic Animals-Inadequate Water; Stress and Mortality</li> </ul>	20 yr.	Used for watering of livestock <u>grazing system only</u> .
644	Wetland Wildlife Habitat Management	Acre	Payment Rate	<ul style="list-style-type: none"> <li>Fish &amp; Wildlife-inadequate cover/shelter/food/space/water</li> </ul>	1 yr.	

911	<i>Technical Assistance Design</i>	<i>Number</i>	<i>100% AM</i>	• <i>Soil Erosion/Water Quality</i>	----	<i>Reimbursement of conservation design activities by a Technical Service Provider (TSP).</i>
912	<i>Technical Assistance Application</i>	<i>Number</i>	<i>100% AM</i>	• <i>Soil Erosion/Water Quality</i>	----	<i>Reimbursement of conservation application activities by a Technical Service Provider (TSP).</i>
913	<i>Technical Assistance Checkout</i>	<i>Number</i>	<i>100% AM</i>	• <i>Soil Erosion/Water Quality</i>	----	<i>Reimbursement of conservation installation activities by a Technical Service Provider (TSP).</i>

**1/ Payment Schedule Type:** PR – Payment amount per unit of practice applied, rates available at local NRCS office.  
AM – The actual cost not to exceed a specified maximum cost.

- Historically Underserved clients receive a higher payment rate.

**2/ Length of time the practice is to be maintained.**

1/6/2012